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Substitute for form 1449B/PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: June 10, 2004

(use as many sheets as necessary)

Complete if Known

Application Number	10/021,258
Filing Date	12/19/2001
First Named Inventor	Tomoaki HOKAO
Group Art Unit	2643
Examiner Name	C. A. Kuntz
Attorney Docket Number	040373-0315

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
NRK	B1	5,661,724		CHENNAKESHU et al.	08-26-1997	RECEIVED JUN 15 2004 Technology Center 2600

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
NRK	B2	EP	0 991 189	A2	NEC CORPORATION	09-30-1999		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature

Melur Ramakrishna

Date Considered

2/28/05

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Tomoaki HOKAO				
				FILING DATE December 19, 2001		GROUP ART UNIT Unassigned		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
NZK	A1	6,226,505	05/01/2001	Uda	455	255		
	A2	6,275,699	08/14/2001	Ichihara	455	434		
	A3	5,934,329	08/24/1999	Ohgoshi et al.	370	335		
	A4	6,292,477	09/18/2001	Ohgoshi et al.	370	335		
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FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
NZK	A5	10-150682	06/02/1998	Japan			Abstract	
	A6	10-164658	06/19/1998	Japan			Abstract	
	A7	2000-4177	01/07/2000	Japan			Abstract	
	A8	2000-115056	04/21/2000	Japan			Abstract	
	A9	2000-082976	03/21/2000	Japan			Abstract	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
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